ABSTRACT OF THE DISCLOSURE

The present invention provides an optical receiver in which a signal detection level is independent on whether a ammeter is connected to a current monitor terminal or not. The optical receiver comprises a photo diode, a first current mirror circuit connected to the photo diode and a second current mirror circuit. The second current mirror circuit has a pair of current path, one of which is connected to the first current mirror circuit and the other of which is connected to the voltage source provided within the optical receiver. The voltage source supplies a bias whether an ammeter is connected to the other of the current path or not. Therefore, the signal detection level attributed to one of the current path is unchanged.